

CLAIMS

1. A method of routing calls in a communications network comprising the steps of:

at a first network node, receiving location information relating to a subscriber originating a call;

5 at said first network node, determining initial routing information based on said location information;

sending said location information from said first network node to a second network node;

10 at said second network node, determining updated routing information based on said location information;

sending said updated routing information from said second network node to said first network node; and

at said first network node, routing said call based on said updated routing information.

15 2. A method as claimed in claim 1, further comprising the step of:

indicating to said second network node that said first network node is capable of receiving said updated routing information.

3. A method as claimed in claim 1, further comprising the step of:

20 sending said initial routing information from said first network node to said second network node.

4. A method as claimed in claim 1, wherein said initial routing information includes an initial NA-ESRK.

5. A method as claimed in claim 1, wherein said updated routing information includes an updated NA-ESRK.

25 6. A method of location based routing claimed in claim 1.

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7. A method as claimed in claim 1, wherein said call is an emergency call.
8. A method as claimed in claim 1, wherein said first network node is a Mobile services Switching Centre.
9. A method as claimed in claim 1, wherein said second network node is a Gateway Mobile Location Centre.
10. A method as claimed in claim 9, wherein said Gateway Mobile Location Centre includes a Zonal Database.
11. A method as claimed in claim 9, further comprising the step of:
- at said Gateway Mobile Location Centre, communicating with a Zonal Database to determine said updated routing information.
12. A computer program for performing the method as claimed in claim 1.
13. A computer program as claimed in claim 12 stored in machine readable form.
14. A computer program as claimed in claim 12 on a storage medium.
15. A method of routing a call at a node in a communications network, said method comprising the steps of:
- receiving location information relating to a subscriber originating a call;
- determining initial routing information based on said location information;
- transmitting said location information to a second node;
- requesting updated routing information from said second node;
- receiving updated routing information from said second node; and
- routing said call based on said updated routing information.
16. A method as claimed in claim 15, further comprising the step of:
- determining that said call is an emergency call.

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17. A computer program for performing the method as claimed in claim 15.

18. A method of updating routing information within a communications network, said method comprising the steps of:

5 at a network node, receiving location information relating to a subscriber originating a call and a request for updated routing information for said call from a second network node;

 determining said updated routing information based on said location information;

 transmitting said updated routing information to said second network node.

19. A method as claimed in claim 18, further comprising the steps of:

10 determining whether said updated routing information is required; and

 transmitting one of said updated routing information and a no update required message to said second network node.

20. A computer program for performing the method as claimed in claim 18.

21. A node in a communications network comprising:

15 a receiver arranged to receive location information relating to a subscriber originating a call from a second node and a request for updated routing information for said call;

 a processor arranged to determine said updated routing information based on said location information; and

20 a transmitter arranged to send said updated routing information to said second node.

22. A node as claimed in claim 21, wherein said processor is physically separated from said node, said node further comprising:

 communication links to said processor.

25 23. A node in a communications network comprising:

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a transmitter arranged to send location information relating to a subscriber originating a call to a second node;

a processor for determining initial routing information for said call based on said location information;

5 a receiver arranged to receive updated routing information from said second node; and

a router arranged to route said call based on said updated routing information.

24. A node as claimed in claim 23, wherein said transmitter is further arranged to indicate to said second node that said node is capable of receiving said updated routing information.
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25. A communications network comprising a node according to claim 21 or claim 23.

26. A signal for sending information from a first node to a second node in a communications network, said signal comprising:

location information for a subscriber; and

15 an indicator that said first node is capable of receiving updated routing information based on said location information.